

Application No. 10/722,951
April 2, 2007

AMENDMENTS TO THE CLAIMS

1-7. (Cancelled).

8. (Previously Presented). A package material comprising
a paperboard substrate,
a primer applied to said substrate, wherein the primer is ammonium
catalyzed, self-cross linking copolymer of ethylene-vinyl acetate with
N-methylol acryl amide functional groups attached to a polymer
backbone wherein said primer has a coat weight of 0.1-0.5 lbs./ream,
a polyester coating applied to said primed substrate, said coating
having a coat weight of at least 12 lbs./ream.

9. (Previously Presented). The packaging material of claim 8, wherein
said coating is polyethylene terephthalate.

10-18. (Cancelled).

19. (Previously Presented). The method of forming a packaging
material comprising
providing a paperboard substrate,
applying a primer to said substrate, and
applying a polyester coating to said primed substrate with a coat
weight of up to 12 lbs/ream, wherein
said polyester coating is extruded onto said substrate at a line speed of
800-1200 feet per minute.

20. (Previously Presented). The method of claim 19, wherein said
coating is polyethylene terephthalate.

21. (Previously Presented). The method of claim 19, wherein
said primer is an ammonium catalyzed, self- cross linking copolymer
of ethylene-vinyl acetate with N-methylol acryl amide functional group
attached to a polymer backbone.

Application No. 10/722,951
April 2, 2007

22. (Previously Presented) The method of claim 19, further comprising flame treating said substrate.
23. (Previously Presented) The method of claim 19, further comprising water misting said substrate.
24. (Previously Presented) The method of claim 23, wherein water is misted at 0.01 to 0.1 lbs/ream.
25. (Previously Presented) The method of claim 19, further comprising a clay coating on said substrate.
26. (Previously Presented) The method of claim 19, wherein said polyester coating has a coat weight of 10 lbs/ream.
27. (Previously Presented) The method of claim 19, wherein said coat weight is 10 lbs/ream.
28. (Previously Presented) The method of claim 19, wherein said primer is epoxy modified polyolefin tie resins.
29. (Previously Presented) The packaging material of claim 8, wherein said paperboard substrate is clay coated.
30. (New) The packaging material of claim 8, wherein said paperboard substrate is clay coated and said polyester coating comprises polyethylene terephthalate.
31. (New) The method of Claim 19, further comprising coating said paperboard substrate with a clay coating and wherein said polyester coating comprises polyethylene terephthalate.